BRUHATH BANGALORE MAHANAGARA PALIKE, DASARAHALLI ZONE
Office of the Executive Engineer, Dasarahalli Division
SCHEDULE-B

NAME OF THE WORK: Improvements to roads and drains at Munikondappa layout and muneshwara nagara in bagalagunte in Bagalagunte ward no. 14 Dasarahalli sub division

Sl. No	Description of work	Unit	Qty	Rate Quoted by Sri K.Jagadish	
				In Figures (Rs.)	In Words (Rs.)
1	2	3	4	5	6
1	KSRRB 300 - Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in Ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3 (P.142/I.19.1 PW, P & IWTD -SR 2016-17)	Cum	144.00	77.58	Rupees Seventy Seven and Fifty Eight Paise Only
2	KSRRB 300-47. Scarifying kankar / gravel / metal crust upto 150mm thick with pick axes and disposal of stuff including cost of all labour charges Complete as per specifications. MORTH Chapter 3. Page No. 147/ Item No. 19.53/ PWD SR 2016-17-16	Sqm	330.00	23.65	Rupees Twenty Three and Sixty Five Paise Only
3	KSRRB 300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications. (which includes cost of gravel / murrum, watering charges & compaction by vibratory roller) MORTH Specification No. 305. Page No. 148/ Item No. 19.60/ PWD SR 201-6-17	Cum	148.50	285.71	Rupees Two Hundred Eighty Five and Seventy One Paise Only
4	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix ,1:4:8 with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.3) PWD - SR 2016-17)	Cum	21.60	4604.43	Rupees Four Thousand Six Hundred Four and Forty Three Paise Only

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5	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications, Specification NO KBS 4.6.2 Page No 15/ Item No 4.31/PWD SR 2016-17	Sqm	240.00	277.19	Rupees Two Hundred Seventy Seven and Nineteen Paise Only
6	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix M1:2:4 with cement @240 kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.6) PW, P & IWTD - SR 2016-17)	Cum	21.60	5147.46	Rupees Five Thousand One Hundred Forty Seven and Forty Six Paise Only
7	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. for TMT Bars Fe 500 Specification No.KBS 4.6.3 (Page No.17, Item No. 4.46.2) 2016-17	Tonne	4.22	53026.1	Rupees Fifty Three Thousand Twenty Six and Ten Paise Only
8	Supplying and fixing precast rainforced concee slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface stc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.	Sqm	108.00	1428.0	Rupees One Thousand Four Hundred Twenty Eight Only
9	KSRRB M400-1 For Grading I material construction of granular sub-base by providing coarse graded crushed stone aggregates of Granite/ trap/basalt material spreading in uniform layers with motir grader on prepared surface mixing by a mix in place method with rotawater at OMC, and Compacting with vibratory roller to achieve the desired density, complete as per specifications.by mix in a Place method for course Graded Granular Sub Base Material as per 400-2 for grading I material . Page No 156/ Item No. 20.6.1 PWD SR 2016-17	Cum	116.60	1355.69	Rupees One Thousand Three Hundred Fifty Five and Sixty Nine Paise Only

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10	Providing, laying, spreading and compacting graded stone aggregates to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. Specification No. 406 with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work.(PWD SR 2016-17, P.No.158 I No.20.18)	Cum	268.18	1578.01	Rupees One Thousand Five Hundred Seventy Eight and One Paise Only
11	Providing and applying primer coat with S.S. Bitumen emulsion on prepared surface of granular base such as WBM, WMM including clearing of road surface and spraying primer at the rate of 0.6 kg / sqm using mechanical means complete as per specifications, with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work.(PWDSR 2016-17, P.No.161, I No.21.6)	Sqm	1166.00	24.6	Rupees Twenty Four and Sixty Paise Only
12	Providing and laying bituminous concrete with hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder and filter transporting the hot mix to work site laying with paver finisher to the required grade, level and alignment. rolling with smooth wheeled vibratory and tandem rollers to achieve the desired compaction as per MORTH Speicification clause no 500.9 complete in all respects complete as per specification no 509. using 40/60 TPH Capacity H.M.P With Mechanical paver Gr-II (30 mm to 45 mm) with 6% VG-30 Bitumen (p-165, lt 21.22.6) PWD SR 2016-17	Cum	52.47	6488.96	Rupees Six Thousand Four Hundred Eighty Eight and Ninety Six Paise Only
13	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Page No. 134 Item No. 17.1 PWD SR 2016-17	Cum	144.00	72.11	Rupees Seventy Two and Eleven Paise Only

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